

Erasmus Course on MRI: CNS 1

3 – 7 June 2019

33 Queen Square, London WC1N 3BG



Monday 3 June - TECHNIQUE AND ANATOMY

- 08.00 – 09.00** *Registration*
- 09.00 – 09.15 **Welcome**
- 09.15 - 10.15 **MR sequences for brain imaging**
- 10.15 – 11.00 **Surface Anatomy of the brain made easy**
- 11.00 – 11.30** *Coffee Break*
- 11.30 – 12.00 **Deep anatomy of the brain made easy**
- 12.00 – 12.45 **Principles of image interpretation**
- 12.45 – 13.15 **White matter tracts**
- 13.15 – 14.15** *Lunch*
- 14.15 – 15.00 **MR Angiography – when to apply which technique?**
- 15.00 – 15.45 **Carotid plaque: from pathphysiology to imaging**
- 15.45 - 16.15** *Coffee Break*
- 16.15 – 17.00 **Perfusion MRI – choosing DSC, DCE or ASL?**
- 17:30 – 19:00** *Welcome Reception*
33 Queen Square



Tuesday 4 June - VASCULAR AND WHITE MATTER

- 09.00 - 09.45 **Microhemorrhages - Differential diagnosis**
- 09.45 - 10.30 **Pathophysiology of brain ischemia**
- 10.30 - 11.00 *Coffee Break***
- 11.00 - 11.45 **Role of imaging in planning acute stroke treatment**
- 11.45 - 12.30 **White matter Lesions – Differential diagnosis**
- 12.30 - 13.30 *Lunch***
- 13.30 – 14.15 **CSF flow and hydrocephalus**
- 14:15 – 15:00 **Movement disorders**
- 15:00 – 15:30 *Coffee Break***

Parallel workshops (4x30')

- 15.30 - 18.00 **Interactive case reading sessions**
Cerebral anatomy
White matter lesions
Stroke
MRA



Wednesday 5 June - INFECTIONS AND NEOPLASTIC DISEASES

09.00 - 09.30	Cysts and cyst like lesions
09.30 - 10.00	Intra-axial tumours
10.00 - 10.30	Perfusion and Diffusion MRI - Tumour characterisation and treatment response
10.30 - 11.00	<i>Coffee Break</i>
11.00 - 11.45	Extra-axial tumours
11.45 - 12.30	Epileptic disorders
12.30 - 13.30	<i>Lunch</i>
13.30 - 14.15	MRI of the sellar and parasellar lesions
14.15 - 15.00	Ageing and Dementia
15.00 - 15.30	<i>Coffee break</i>

Parallel workshops (4x30')

15.30 - 18.00	Interactive case reading sessions Vascular pathology Tumours Dementia Epilepsy
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Thursday 6 June TRAUMA AND SKULL BASE

09.00 - 09.30 **Imaging of disease of the orbit**

09.30 - 10.00 **Infections**

09.30 - 10.00 **Infections**

10.30 - 11.00 *Coffee Break*

11.00 - 11.45 **Brain trauma**

11.45 - 12.30 **Cranial nerves**

12.30 - 13.30 *Lunch*

13.30 - 14.15 **Diseases of the skull base**

14.15 - 15.00 **Intracranial haemorrhage**

15:00 – 15:30 *Coffee Break*

Parallel workshops (4x30')

15.30 – 18.00 **Interactive case reading sessions**
Orbital diseases –
Infections
Skull base
Trauma and haemorrhage

19:00 *Course Dinner*



Friday 7 June – EXAMINATION and SPECIAL LECTURE

09.00 – 11.00	Examination and corrections
11.00 – 11.30	<i>Coffee Break</i>
11.30 – 12.30	Special lecture: Streams of processing for sound and speech
12.30 – 13.00	Closure, best student award and certificate of merit
13.00 – 13.30	<i>Lunch and farewell</i>